REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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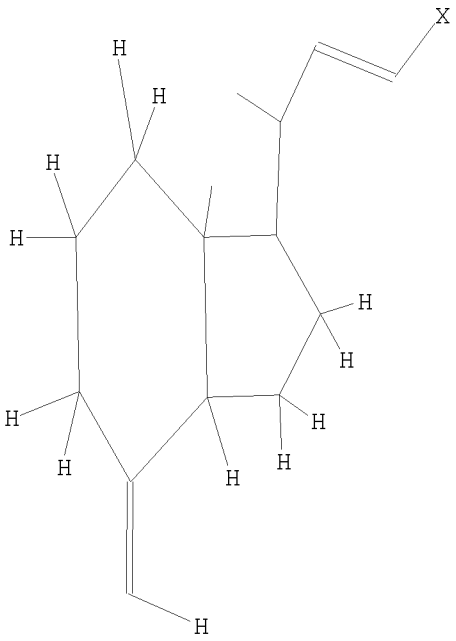

Structure attributes must be viewed using STN Express query preparation.

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DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
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FULL SCREEN SEARCH COMPLETED - 272 TO ITERATE

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L2 16 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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FILE 'CAPLUS' ENTERED AT 16:38:13 ON 22 DEC 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 22 Dec 2010 VOL 153 ISS 26
FILE LAST UPDATED: 21 Dec 2010 (20101221/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the fourth quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L3           2 L2 AND PY<2004

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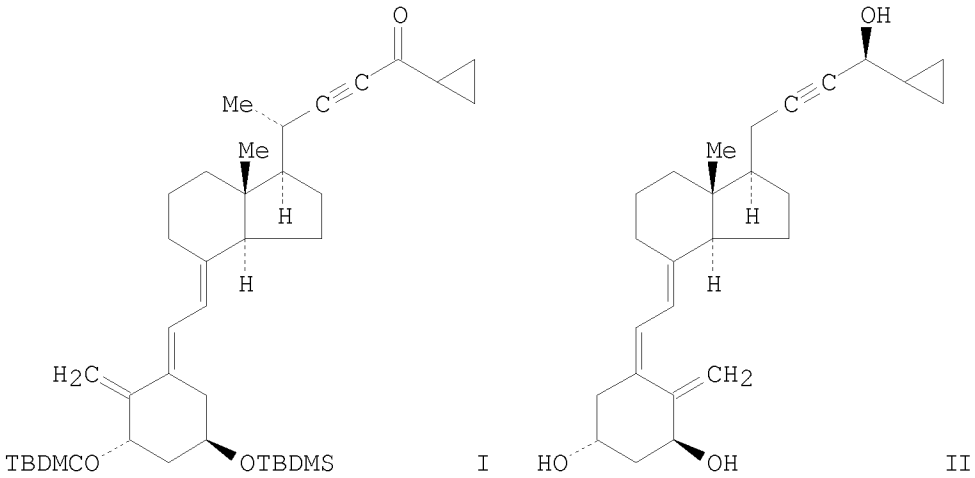
L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER:	1994:245588 CAPLUS
DOCUMENT NUMBER:	120:245588
ORIGINAL REFERENCE NO.:	120:43561a,43564a
TITLE:	1α,24S-Dihydroxy-26,27-cyclo-22-yne vitamin D3: the side chain triple bond analog of MC 903 (calcipotriol)
AUTHOR(S):	Calverley, Martin J.; Bretting, Claus Aa.S.
CORPORATE SOURCE:	Chem. Res. Dep., Leo Pharm. Prod., Ballerup, DK-2750, Den.
SOURCE:	Bioorganic & Medicinal Chemistry Letters (1993), 3(9), 1841-4

CODEN: BMCLE8; ISSN: 0960-894X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 120:245588
GI



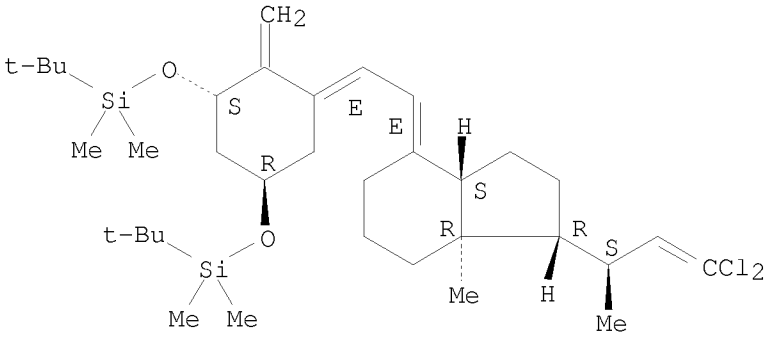
AB The side chain propargylic alc. function [established stereoselectively via S-Alpine-Borane reduction of ynone I (TBDMS = tert-butyldimethylsilyl) and correlated with MC 903] in the title compound II replaces the metabolically labile allylic alc. function of MC 903, a selective analog of the vitamin D hormone used for treating psoriasis. II exhibits reduced in vitro activity but still shows selectively much lower in vivo calcemic effects.

IT 154171-12-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and lithiation and cyclopropylcarbonylation of)

RN 154171-12-7 CAPLUS

CN Silane, [[(1α,3β,5E,7E)-23,23-dichloro-24-nor-9,10-secochola-5,7,10(19),22-tetraene-1,3-diyl]bis(oxy)]bis[(1,1-dimethylethyl)dimethyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1992:255875 CAPLUS
DOCUMENT NUMBER: 116:255875
ORIGINAL REFERENCE NO.: 116:43403a,43406a
TITLE: Preparation of vitamin D analogs as drugs
INVENTOR(S): Bretting, Claus Aage Svensgaard
PATENT ASSIGNEE(S): Leo Pharmaceutical Products Ltd. A/S, Den.
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9203414	A1	19920305	WO 1991-DK200	19910711 <--
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MN, MW, NO, PL, RO, SD, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
CA 2078555	A1	19920216	CA 1991-2078555	19910711 <--
CA 2078555	C	20021126		
AU 9184223	A	19920317	AU 1991-84223	19910711 <--
AU 636510	B2	19930429		
EP 543864	A1	19930602	EP 1991-914384	19910711 <--
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JP 3246914	B2	20020115		
ES 2068601	T3	19950416	ES 1991-914384	19910711 <--
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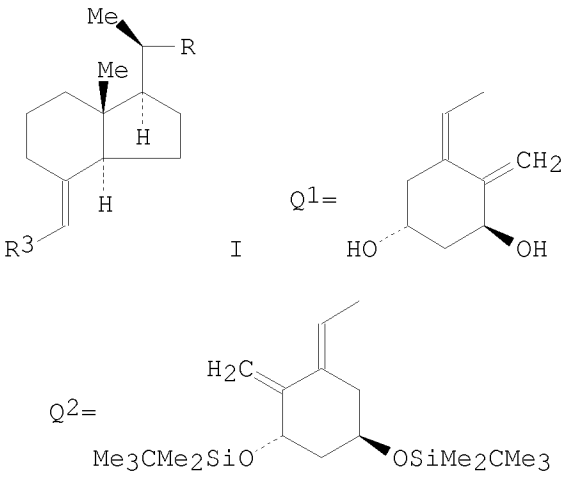
CZ 286485	B6	20000412	CZ 1992-3726	19910711 <--
US 5447924	A	19950905	US 1992-927420	19920922 <--
FI 103791	B	19990930	FI 1992-5547	19921207 <--
FI 103791	B1	19990930		
SK 281443	B6	20010312	SK 1992-3726	19921217 <--
LV 10089	B	19941020	LV 1993-243	19930215 <--
LT 3666	B	19960125	LT 1993-965	19930910 <--

PRIORITY APPLN. INFO.: GB 1990-17890 A 19900815
CS 1992-3726 A 19910711

WO 1991-DK200 A 19910711
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S): MARPAT 116:255875
GI

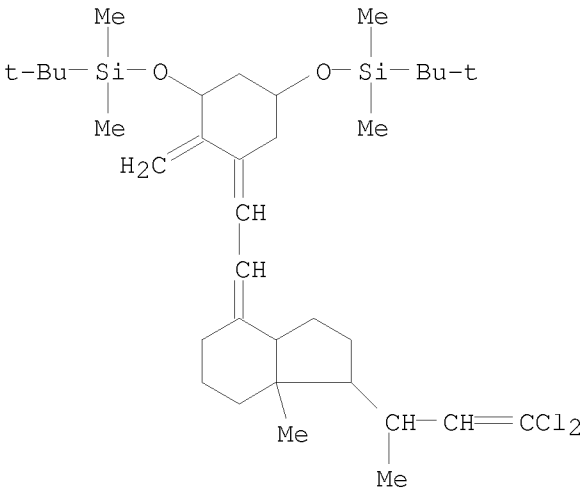


AB Title compds. [I; R = Z1C.tplbond.CZ2CR1R2X; R1, R2 = H, hydrocarbyl; or R1R2 = atoms to form a carbocyclic ring; R3 = cyclohexylidenemethylidyne group Q1; X = H, OH; Z1 = (substituted)(CH2)m; Z2 = bond, hydrocarbylenediyl; m = 0-2] were prepared as antiinflammatories, immunomodulators, etc. (no data). Thus, I (R = CHO, R3 = cyclohexylidenemethylidyne group Q2) was condensed with (Me2N)3P:CCL2 (prepared in situ) and the product treated, in turn, with BuLi and Br(CH2)3CEt2OSiMe3 to give I [R = C.tplbond.C(CH2)3CEt2OSiMe3, R3 = Q2] which was photoisomerized to give, after deprotection, I [R = C.tplbond.C(CH2)3CEt2OH, R3 = Q1].

IT 141545-84-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of antiinflammatory and immunomodulator)

RN 141545-84-8 CAPLUS

CN 1H-Indene, 4-[(2E)-2-[(3S,5R)-3,5-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-methylenecyclohexylidene]ethylidene]-1-[(1R)-3,3-dichloro-1-methyl-2-propen-1-yl]octahydro-7a-methyl-, (1R,3aS,4E,7aR)- (CA INDEX NAME)



OS.CITING REF COUNT:	9	THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT